

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	"4247562"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 15:55
L2	125	(cox near4 edward).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 16:04
L3	23	(dobrozsi near4 douglas). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 16:05
L4	32	(huetter near4 thomas).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 16:05
L5	17	(lepine near4 allan).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 16:05
L6	190	l2 or l3 or l4 or l5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 16:05
L7	12	l6 and (biscuit treat chew food kibble pellet).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 16:06
L8	7	L7 and (protein meat "amino acid").clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 16:06
L9	0	L8 and (zinc or copper or manganese or tin).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 16:06

S1	279	((zinc or zn) same (copper or cu) same (tin or sn) same (manganese or Mn)) same (meat or fish or chicken or protein or poultry or beef or horse)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 13:51
S2	133	S1 and @ad<"20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 13:52
S3	60	((zinc or zn) same (copper or cu) same (tin or sn) same (manganese or Mn)) same (meat or fish or chicken or protein or poultry or beef or horse) same (phosphate or polyphosphate or pyrophosphate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 15:02
S4	31	S3 and @ad<"20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 15:02
S5	2194	((zinc or zn) same (copper or cu) same (tin or sn) same (manganese or Mn)) same (phosphate or pyrophosphate or polyphosphate or "PO4")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 15:15
S6	49	S5 and "424".clas. and @ad<"20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 15:18
S7	30954	dog and cow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 15:19
S8	20508	S7 and @ad<"20050101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 15:19
S10	527	(cow and horse) and feed and @ad>"20070101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 15:21

S11	619	S5 and (animal or poultry or person or patient or dog or cat or pig or hamster or fish or avian or bird or rat or parrot or horse or equine or beef or cow or turkey or gerbil)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 15:24
S12	237	S11 and protein	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 15:24
S13	2	"20030077254".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 16:57
S14	518	S5 and ((zinc near6 (sulfate or sulphate)) or (zinc near6 (gluconate or chloride or citrate or lactate or malate)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:26
S15	188	S5 and (tin near6 (gluconate or lactate or acetate or sulfate or sulphate or malate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:27
S16	15	S6 and (copper near6 (chloride or gluconate or sulfate or sulphate or bisglycinate or lactate or acetate or malate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:29
S17	13	S6 and (manganese near6 (chloride or gluconate or sulfate or sulphate or acetate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:29
S18	563	(S14 or S15 or S16 or S17)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:30
S19	271	S18 and @ad< "20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:30
S20	109917	((zinc or zn) or (copper or cu) or (tin or sn) or (manganese or Mn)) same (phosphate or pyrophosphate or polyphosphate or "PO4")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:37

S21	21246	S20 and ((zinc near6 (sulfate or sulphate)) or (zinc near6 (gluconate or chloride or citrate or lactate or malate)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:38
S22	1853	S20 and (tin near6 (gluconate or lactate or acetate or sulfate or sulphate or malate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:38
S23	12526	S20 and (copper near6 (chloride or gluconate or sulfate or sulphate or bisglycinate or lactate or acetate or malate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:38
S24	9008	S20 and (manganese near6 (chloride or gluconate or sulfate or sulphate or acetate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:38
S25	33321	S21 or S22 or S23 or S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:38
S26	18951	S25 and @ad< "20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:39
S27	9429	S26 and (hair or skin or keratin or animal or poultry or person or patient or dog or cat or pig or hamster or fish or avian or bird or rat or parrot or horse or equine or beef or cow or turkey or gerbil)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:40
S28	170	S27 and (mineral near14 (coat\$3 or frost\$3 or layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:40
S29	385	S27 and ((mineral or vitamin or element) near14 (coat\$3 or frost\$3 or layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 17:41

S30	2927	S27 and (cookie or chew or biscuit or treat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 18:05
S31	1150	S27 and ((cookie or chew or biscuit or treat)same3 (animal or poultry or canine or feline or rodent or swine dog or cat or pig or hamster or fish or avian or bird or rat or parrot or horse or equine or beef or cow or bovine or turkey or gerbil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 18:08
S32	626	S27 and ((cookie or chew or biscuit or treat)same (animal or poultry or canine or feline or rodent or swine dog or cat or pig or hamster or fish or avian or bird or rat or parrot or horse or equine or beef or cow or bovine or turkey or gerbil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 18:09
S33	626	S32 and @ad<"20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/19 18:39
S34	2	"20020119224".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/20 09:49
S35	2	"6277435".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/20 11:45
S36	5	"3422182".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/20 11:46
S37	2	"20020119224".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/20 13:43

S38	2	"5011679".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/20 13:44
S39	23	(cat adj biscuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 08:22
S40	19	S39 and food	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 08:27
S41	12	(cat near6 (food or biscuit or treat)) and (mineral near15 coating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 08:38
S42	196	(mineral or zinc or zn or manganese or tin or MN or sn or copper or cu) and (biscuit same cat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 08:41
S43	209	(mineral or zinc or zn or manganese or tin or MN or sn or copper or cu) and (biscuit same (cat or feline))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 08:41
S44	64	S43 and @ad< "20021208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 08:44
S45	1	cat adj biscuit.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:02
S46	0	cat adj biscit.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:06
S47	177	animal near4 biscuit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:06

S48	80	S47 and cat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:06
S49	3	(feline near3 biscuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:09
S50	5	(cat or feline) same (biscuit) same stable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:12
S51	3	"4039687".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:13
S52	2	(animal near4 biscuit) near14 (stable or stability)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:20
S53	0	(animal near4 biscuit) near14 enjoy\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:21
S54	37	(animal near4 biscuit) near14 treat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:21
S55	12	(animal near4 biscuit) near14 supplement	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:22
S56	2	"5405836".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:36
S57	0	S56 and copper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:36

S58	9798	(copper near5 (sulfate or sulphate)) and (animal or pet or cat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:37
S59	951	S58 and (coat\$3 same copper)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:38
S60	36	S58 and (coat\$3 same copper same (food or biscuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:38
S61	103	(copper near5 (sulphate or sulfate)) same (breath or malodor\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:39
S62	69	S61 and @ad< "20040101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:39
S63	750	(copper near5 (sulphate or sulfate)) and "426". clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:40
S64	186	S63 and (dog or cat or breath)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:40
S65	187	S63 and (dog or cat or breath or calculus or tartar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:40
S66	113	S65 and @ad< "20040101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:41
S67	6	S63 and ((dog or cat or breath or calculus or tartar) near20 copper)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 09:43



S68	138	("2859115"   "20010002272"   "20010002272"   "20020043941"   "20020090444"   "20020119224"   "20020119224"   "20020119241"   "20030219516"   "20040037943"   "20040037944"   "20040156883"   "20040234654"   "20050084563"   "3422182"   "3899607"   "4104406"   "4247562"   "4454164"   "5000940"   "5000943"   "5011679"   "5015485"   "5047231"   "5094870"   "5100651"   "5114704"   "5171603"   "5186964"   "5296209"   "5296217"   "5300289"   "5364845"   "5380530"   "5405836"   "5407661"   "5431927"   "5467741"   "5501868"   "5618518"   "5904923"   "5904928"   "5919499"   "5922379"   "6056991"   "6060100"   "6086940"   "6093441"   "6110521"   "6126978"   "6159508"   "6159516"   "6159530"   "6180161"   "6180419"   "6227420"   "6228418"   "6238726"   "6254920"   "6265011"   "6274182"   "6277435"   "6379725"   "6455083"   "6455083"   "6517877"   "6841178"   "6904870"   "7390520").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:09
S69	33757	(procter near3 gamble). as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:28
S70	28376	(meat or fish or protein or poultry or beef) and pyrophosphate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:28

S71	877	S69 and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:28
S72	49	S71 and (copper and manganese) and (edible)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:29
S73	1	S72 and (animal near4 food)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/24 10:29
S74	2439	trimetaphosphate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 12:55
S75	111	trimetaphosphate and dog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 12:55
S76	54	S75 and @ad< "20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 12:55
S77	169	trimetaphosphate and (dog pet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 12:58
S78	72	S77 and @ad< "20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 12:58
S79	6	S78 and biscuit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 12:58
S80	0	trimetaphosphate and canine and biscuits	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 13:06

S81	39	"5094870"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 13:14
S82	178	trimetaphosphate and (dog pet canine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 13:16
S83	77	S82 and @ad< "20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 13:16
S84	414	"sodium tripolyphosphate" and dog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 14:10
S85	153	S84 and @ad< "20031208"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 14:11
S86	38	S85 and ((dry with food) kibble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/10/06 14:11

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	72	(cox near4 edward).in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/06 16:07
L11	18	(dobrozs near4 douglas).in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/06 16:07
L12	12	(huetter near4 thomas). in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/06 16:07
L13	17	(lepine near4 allan).in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/06 16:07
L14	114	L10 or l11 or l12 or l13	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/06 16:08
L15	13	L14 and (biscuit treat snack bone chew food kibble).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/06 16:08
L16	8	L15 and (protein meat meal).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/06 16:08

L17	0	L16 and (zinc manganese tin copper). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/06 16:09
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**10/ 6/ 2010 4:09:41 PM**

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